Approved For Release 2005/07/12 : CIA-RDP78T04743A000200010016-5

[redacted] 25X1

IE - 125/63
26 June 1963
Copy 1 of 8

MEMORANDUM FOR: Chief, Military-Economic Division, ORR

25X1 ATTENTION : [redacted]

FROM : Chief, CIA/PID (NPIC)

SUBJECT : Ufa Aircraft Engine Plant #26

REFERENCE : Requirement No. RR/110/63
Project No. C 655/63

Declass Review by NGA.

1. This memorandum is in answer to referenced requirement concerning Ufa Aircraft Engine Plant #26. 25X1

2. This study has been conducted on a comparison basis through the use of GX photography dated [redacted] 25X1 The overlays to Enclosures #1 and #2 were constructed from the GX photography and then updated to show the changes and new construction contained on [redacted] 25X1 (the dashed portions indicate additions). The selection of [redacted] 25X1 for this study was made by screening all available KH coverage over this installation, selecting the photography showing the changes which have occurred and still maintaining good quality photography.

3. Ufa Aircraft Engine Plant #26 is comprised of two plant areas, which are referred to as #26A and #26B. The following paragraphs contain the location and description of each plant's facilities. The list of annotations for each plant are keyed to the overlays and each enclosure has the corresponding annotation number for the major buildings.

4. Ufa Aircraft Engine Plant #26 ([redacted]) is located approximately 6.5 km northeast of Ufa City Center at coordinates 54° 47' 40" N/56° 04' 07" E. 25X1 The plant area outlined on Enclosure #1 is enclosed by a security wall, and this is considered to be the limits of Plant #26. The Engine Plant is served by both road and rail. The GX photography [redacted] shows this plant, 25X1 containing an estimated 1,297,975 square feet of floorspace. The photography on [redacted] 25X1 (Enclosure #1) shows the following additions since the GX coverage, Annotation #1 an engine test building, Annotation #2 a final assembly section, Annotations #5 and #7 a final assembly and sub-assembly buildings, Annotation #9 a new section to the machine shop building, and Annotations #12 through Annotation #20, are storage buildings, warehouses and administration buildings. These additions contain an estimated 577,395 square feet of floorspace, however one major building has been dismantled since 1942 photography.

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This building contained approximately 71,150 square feet of floorspace. The new estimate for Plant #26B is 1,804,220 square feet of floorspace. Prior to the construction of the Engine Test Building (Annotation #1) this plant did not have the capability to test jet engines, and was apparently involved in supporting the production activities at Plant #26A. The date of construction for the Engine Test Building cannot be determined. The test building appears to be relatively new and the west end of the building may still be under construction. The building is multi-winged and has a base wing measuring 440' x 35' with seven projecting wings each measuring 130' x 55'. There are possibly two test bays for each of the seven projecting wings and a single exhaust tower approximately 55' in height serves each wing. The total estimated floorspace for this building is 65,420 square feet.

KEY TO ANNOTATIONS: Plant 26B (See Enclosure #1)

1. Engine Test Building - 65,420 square feet
2. Final Assembly Section - 63,800 square feet
3. Sub-Assembly - 112,200 square feet
4. Final Assembly Section - 132,200 square feet
5. Sub-Assembly and Machine Shops - 539,400 square feet
6. Final Assembly Section, Under Construction, Will Contain 129,600 square feet
7. Sub-Assembly - 216,000 square feet
8. Machine Shops - 28,875 square feet
9. Machine Shops - 196,650 square feet
10. Warehouse - 71,150 square feet
11. Warehouse - 71,150 square feet
12. Storage Building - 8,250 square feet
13. Warehouse - 17,150 square feet
14. Storage Building - 7,200 square feet
15. Administration Building - 7,125 square feet
16. Administration Building - 6,250 square feet
17. Administration Building - 8,700 square feet
18. Administration Building - 8,700 square feet
19. Warehouse - 14,400 square feet
20. Warehouse - 22,800 square feet
21. Foundry - 15,200 square feet

5. Ufa Aircraft Engine Plant #26A [redacted] is located approximately 7.5 nm northeast of Ufa City Center at coordinates 54° 47' 14"N/55° 07' [illegible]"E. Plant #26A is approximately 2 nm NNE of Plant #26B. The two plants are still interrelated in their production activities and are connected by rail lines and roads. The plant area outlined on Enclosure #2 is enclosed by a security wall, and this is considered to be the limits of Plant #26A. The GK photography flown in [redacted] shows this plant containing an estimated 1,398,[illegible]25 square feet of floorspace. The photography on [redacted] (Enclosure #2) shows the

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following additions since the GX coverage, Annotations #1, #2, #19 and #29 administration buildings, Annotation #3 a warehouse, Annotation #12 a final assembly and sub-assembly building, Annotation #31 a workshop, and Annotation #5 a new section to the Engine Test and Assembly Building. These additions contain an estimated 353,500 square feet of floorspace, however, two major buildings have been dismantled and approximately half of the building at Annotation #4 has also been dismantled. The total estimated floorspace of the dismantled buildings is 156,000 square feet. The new estimate for Plant #26A is 1,536,385 square feet. There is evidence of new construction in the area adjoining the west side of the building at Annotation #12. The Engine Test Facilities at this plant are located in the Engine Test and Assembly Building at Annotation #7. The 1942 GX photography shows this building containing through-type engine test cells. The photography on [redacted] shows the modification of four of these cells for jet engine test. Annotation #34 is the Ufa Heat and Power Plant. This plant supplies heat and power to Plant #26A, Plant #26B and surrounding industrial installations.

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KEY TO ANNOTATIONS: Plant #26A (See Enclosure #2)

1. Administration Building - 9,500 square feet
2. Administration Building - 10,200 square feet
3. Warehouse - 46,400 square feet
4. Warehouse - 37,000 square feet
5. Included with Annotation #7
6. Machine Shops - 52,500 square feet
7. Engine Test and Assembly Building - 120,000 square feet
8. Sub and Final Assembly - 111,300 square feet
9. Storage Building - 7,150 square feet
10. Workshop - 7,250 square feet
11. Administration Building - 26,000 square feet
12. Sub and Final Assembly - 202,000 square feet
13. Storage Building - 7,150 square feet
14. Storage Building - 4,350 square feet
15. Storage Building - 6,050 square feet
16. Sub-Assembly and Machine Shops - 301,000 square feet
17. Sub and Final Assembly - 173,400 square feet
18. Machine Shops and Workshops - 168,000 square feet
19. Administration Building - 12,000 square feet
20. Storage Building - 6,400 square feet
21. Storage Building - 7,150 square feet
22. Storage Building - 12,800 square feet
23. Workshop - 33,800 square feet
24. Forge/Foundry - 34,300 square feet
25. Service Building - 3,250 square feet
26. Machine Shop - 43,125 square feet
27. Forge/Foundry - 45,500 square feet
28. Storage Building - 7,150 square feet
29. Administration Building - 60,000 square feet
30. Storage Building - 7,150 square feet
31. Workshop - 24,000 square feet
32. Workshop - 4,150 square feet

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33. Storage Building - 5,000 square feet
34. Ufa Heat and Power Plant

6. The photo analyst on this project is [redacted] who may be contacted on extension [redacted] should you have further questions regarding this project.

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[redacted]

ENCLOSURES:
CIA/PID/IB-P-201/63
CIA/PID/IB-P-202/63

TOP SECRET [redacted]

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